



# Coast Guard Spectrum Management (CG-652)

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# Agenda



- Introduction
- Organization
- Military Communications and Electronics Board (MCEB) Frequency Panel (FP) Participation
- Contingency Operation In Support of Joint and Coalition Interoperability
- Concerns
- POC List
- Up Date USCG Spectrum Center



# Introduction



- Coast Guard Modernization Effort
- Command Structure:
  - Deputy Commandant for Operations (Washington DC)
  - Deputy Commandant for Mission Support (DCMS) (Washington DC)
  - Operational Command (Portsmouth, VA)
  - Force Readiness Command (Alameda, CA)
- Coast Guard Spectrum Management falls under DCMS and the Coast Guard Chief Information Officer (CG-6, RDML Robert Day)
- Coast Guard Telecom Policy & Spectrum Management (CG-652) under (CG-65, Capt David Dermanelian)



# MCEB FP Participation



- Fulfill the Coast Guard's National Defense Mission as a Military Service (U.S.C. Title 14)
- Active participation with ongoing DOD operations, interoperability exercises, MCEB planning/policy, and PWGs
- Currently Registering DoD Coordinated SINCGARS & HAVEQUICK Assignments in FRRS



## CG Spectrum Center



- Proposal – move spectrum process out of HQ and retain spectrum policy at HQ
- Establish a CG Spectrum Center at Ft Meade
  - detachments in Norfolk and Oakland (Completed 2011)
  - (4) Regional FTE's (Boston, New Orleans, Seattle and Alameda) (Completed 2011)
- Develop uniformed spectrum expertise in the Electronics Technician Rating (ESU's, Spectrum Center, and C3CEN)
  - DOD spectrum course
  - Support field spectrum requirements, interference resolution, and contingency communications (DW Horizon, Katrina, etc.)



## Contingency Spectrum Operations In Support of Joint & Coalition Interoperability

- Deepwater Horizon Response, Gulf of Mexico, BP Oil Platform (Greatly Reduced Foot Print)
- USCG Deployment Basra, Iraq, Port Advisory Coordination Element (PACE)
- USCG , Search and Rescue Training, Iraqi Forces
- USCG, Participation Inter Service Spectrum Operation Apprentice and Joint Task Force Courses, Kessler AFB, MS. (2 Blue Suites Currently Attending)



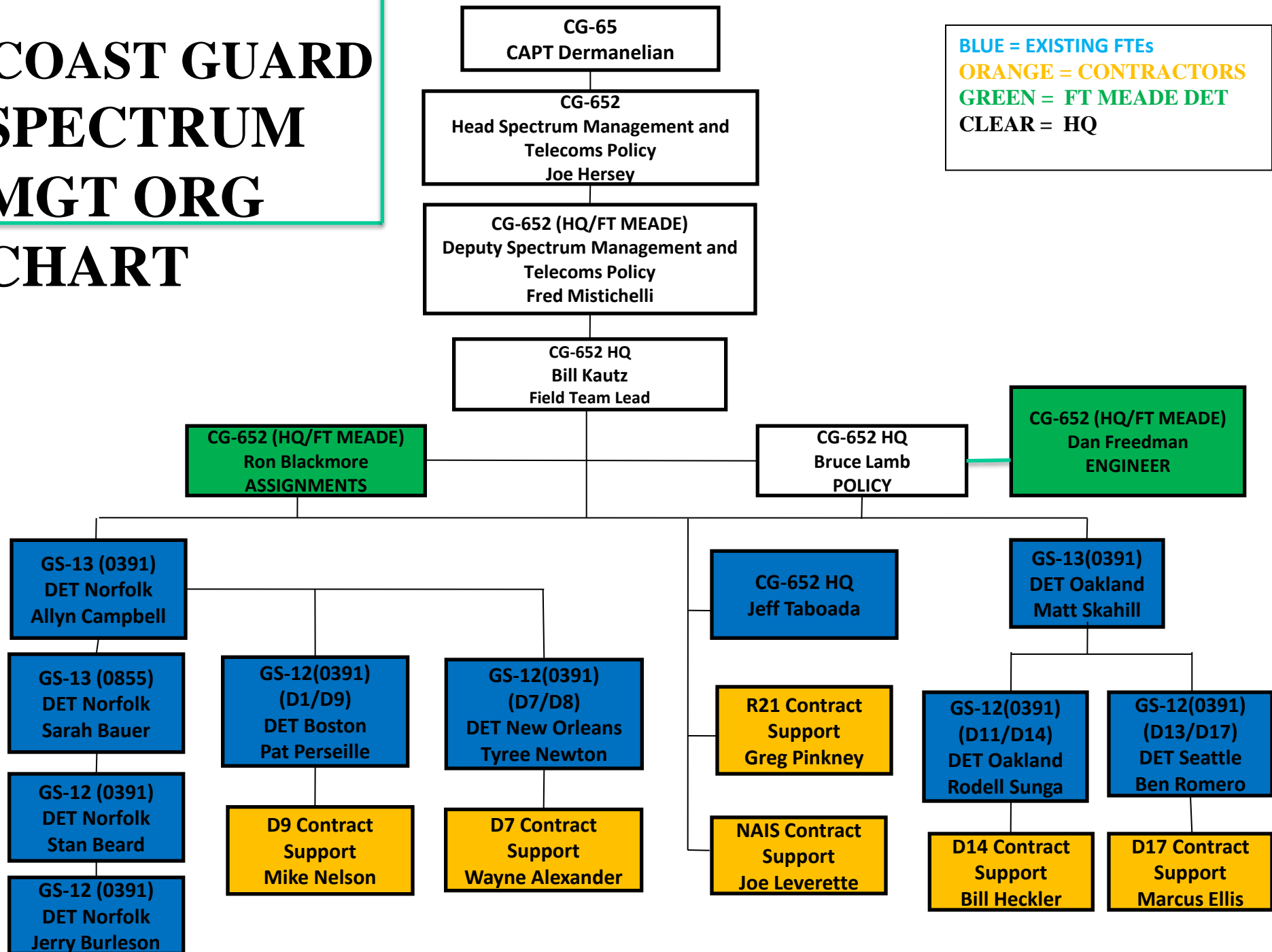
# Concerns



- Loss of Military Spectrum (i.e. Spectrum Inventory Act)
- Time needed for Radar/IFF equipment certification and Federal Aviation Administration coordination
- Joint Spectrum Interference Resolution-On Line (JSIRO) Procedures (Procured 6 EA, PRC-100)
- FSMS vs. Spectrum XXI On-Line (Web Based) Operations

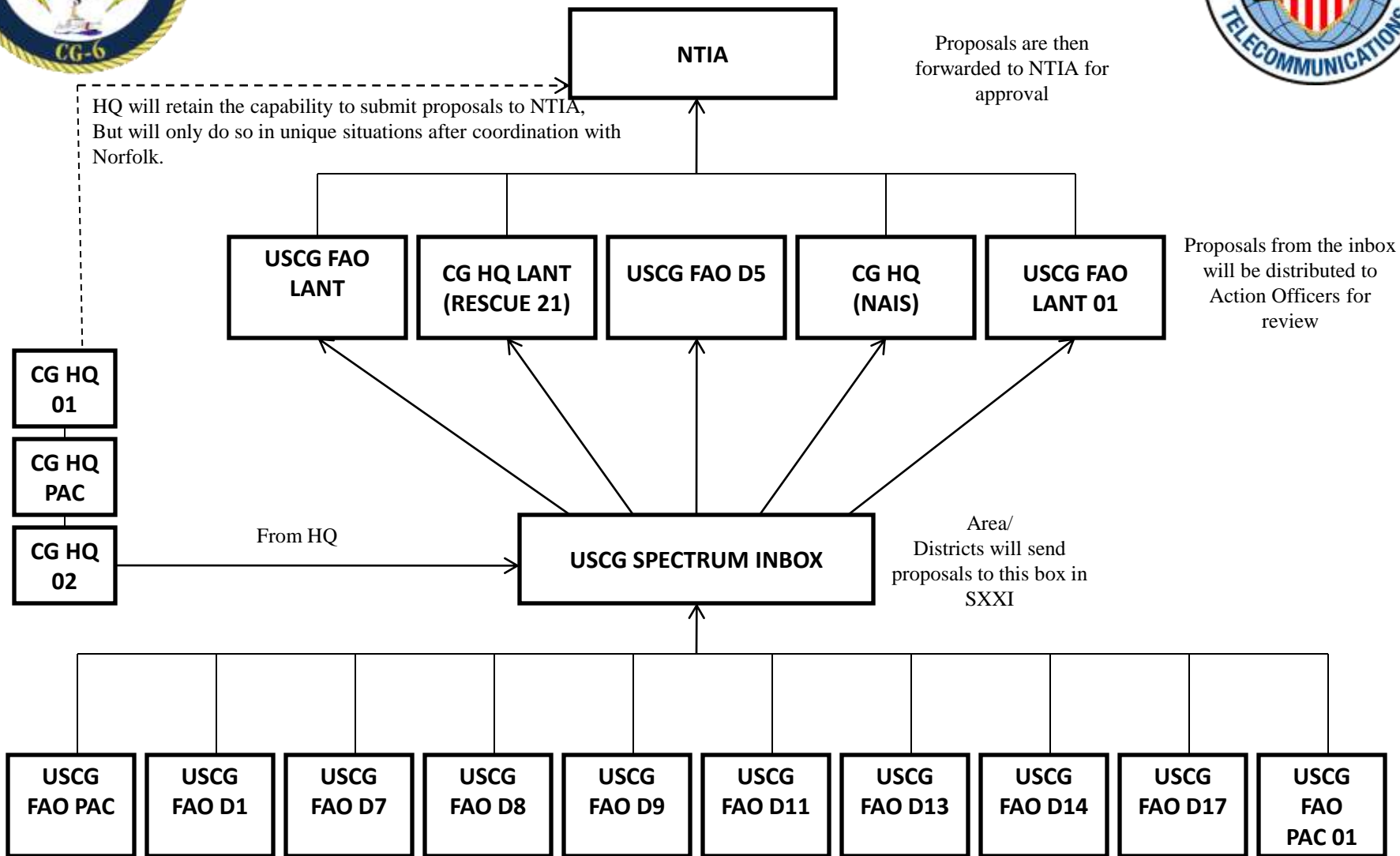
# COAST GUARD SPECTRUM MGT ORG CHART

BLUE = EXISTING FTEs  
ORANGE = CONTRACTORS  
GREEN = FT MEADE DET  
CLEAR = HQ

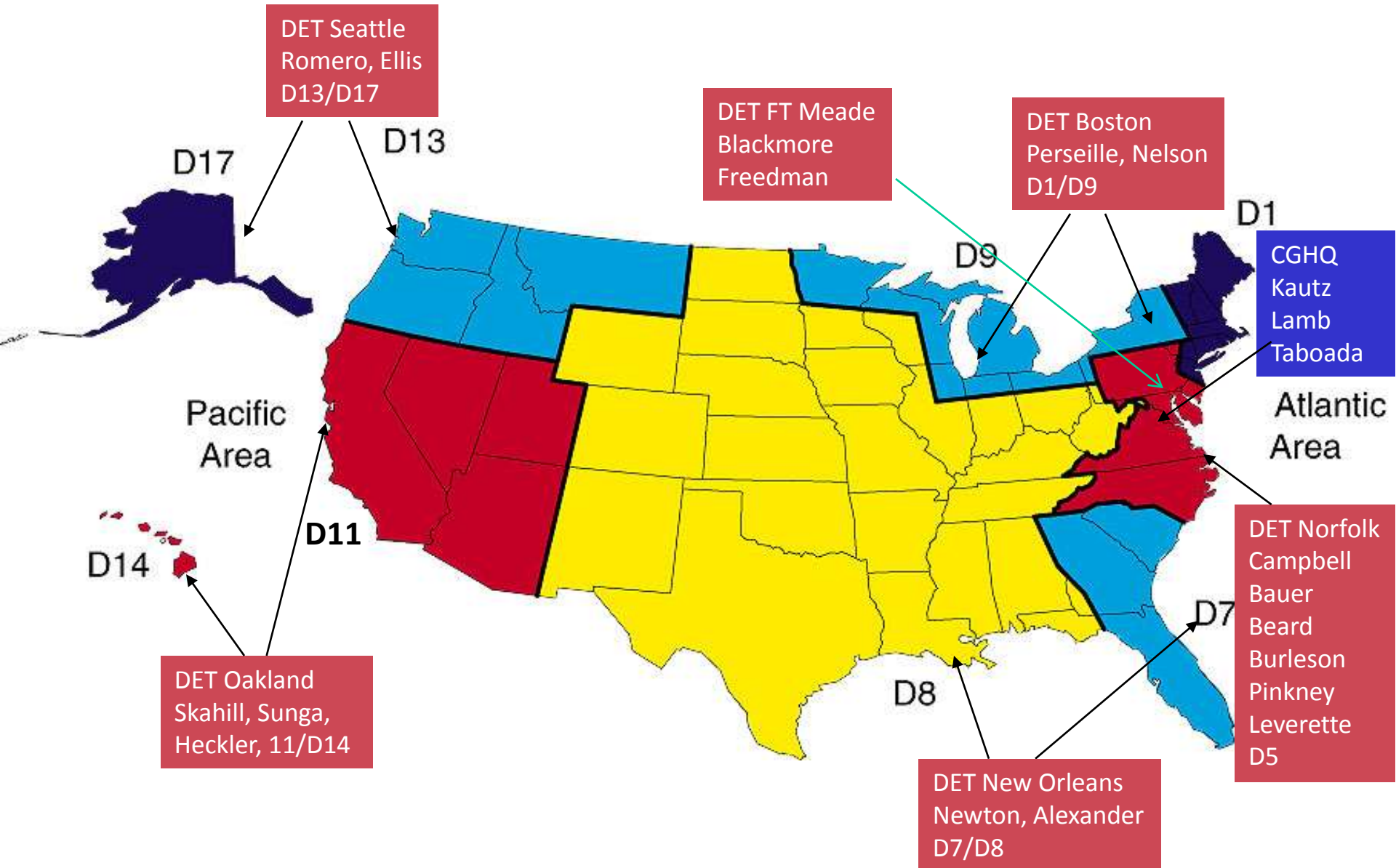




# Coast Guard Spectrum Management Flow Chart for Proposals



# CG SPECTRUM FIELD SUPPORT





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